

## Storm Data and Unusual Weather Phenomena - February 2014

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
<b>ALABAMA, North</b>				
<b>LAWRENCE COUNTY --- 1.8 WSW POINTER QUARTERS [34.69, -87.26], 4.1 NE COURTLAND BAY FLD AR [34.77, -87.23]</b>				
	02/20/14 20:45 CST		0	Tornado (EF1, L: 5.66 mi , W: 450 yd)
	02/20/14 20:52 CST		0	Source: NWS Storm Survey
A tornado touched down along County Road 388 in northern Lawrence County. Here, large limbs were broken as the tornado was initially weak and disorganized. The tornado began to strengthen as it lifted northeast and crossed County Road 400. Here, a swath of hardwood trees were uprooted with a few trees snapped. The tornado then crossed the Tennessee River into Limestone County.				
<b>LAUDERDALE COUNTY --- 2.6 NNW WHEELER LAKE SOUTH [34.79, -87.31], 2.0 SSW ROGERSVILLE [34.80, -87.29]</b>				
	02/20/14 20:51 CST		0	Tornado (EF1, L: 1.82 mi , W: 400 yd)
	02/20/14 20:53 CST		0	Source: NWS Storm Survey
An EF-1 tornado with wind speeds up to 105 mph touched down in the Ramblewood subdivision on the south side of Rogersville. Along Ramblewood Drive, many very large hardwood and softwood trees were uprooted. Several hardwood trees were snapped near the base. At least two utility poles were snapped in this location.				
Several homes sustained minor roof damage with the loss of shingles, siding, or gutters. The tornado may have touched down south of this location but it was unclear at the time of the survey. The tornado then moved northeast over forested and rural terrain, finally crossing near the intersection of Lambs Ferry Road and CR 608. Here, a few very small trees were snapped. The tornado moved to the northeast, snapping a few tree branches and crossing Lambs Ferry Road before lifting south of Fuqua Lane.				
<b>LIMESTONE COUNTY --- 6.1 W RIPLEY [34.77, -87.23], 1.2 WSW WHEELER LAKE NORTH [34.82, -87.17]</b>				
	02/20/14 20:52 CST		0	Tornado (EF1, L: 5.06 mi , W: 450 yd)
	02/20/14 21:00 CST		0	Source: NWS Storm Survey
The tornado tracked across the Tennessee River from Lawrence County at Bay Hill Drive at the marina on the northern end of the Tennessee River in Limestone County. The marina sustained minor damage and several of the condos and homes here had minor structural damage and several of the condos and homes here had minor structural damage. Trees were snapped and uprooted here as well. Utility poles were snapped along Snake road as the tornado strengthened to EF-1 intensity with wind speeds up to 105 mph.				
The tornado moved northeast and snapped multiple trees as it crossed Wright road. Utility poles were also snapped here. The peak wind was estimated at 105 mph. A manufactured home was damaged along Wright road just south of highway 72 and a utility building was also destroyed. Clements High School sustained minor damage to athletic fields.				
Homes sustained minor damage along Allison Loop road and Cox road, mainly minor roof uplift and loss of shingles). The tornado continued to move northeast and crossed Blue Springs Road. A large number of hardwood trees were snapped at the base here and power poles were also snapped near the ground. Several homes sustained damage when the trees fell on top of the homes. A car was also crushed in this location. The tornado then crossed the Elk River as it uprooted trees along Curtis road. The tornado then apparently lifted.				
<b>LAUDERDALE COUNTY --- 1.8 SSW ANDERSON [34.90, -87.28], 1.8 E ANDERSON [34.92, -87.24]</b>				
	02/20/14 20:55 CST		0	Tornado (EF1, L: 2.67 mi , W: 500 yd)
	02/20/14 20:58 CST	1	0	Source: NWS Storm Survey
A tornado touched down in the Anderson community of eastern Lauderdale county Thursday morning. The tornado first touched down along highway 207 south of CR 86. Multiple hardwood trees were uprooted and snapped here. In addition at least one power pole was snapped at the base.				
The tornado moved northeast crossing highway 207 onto CR 86. Here several well built homes sustained minor to moderate roof damage with significant uplift of at least one roof structure. A child suffered minor injuries in one of the homes. The tornado reached its maximum intensity of approximately 105 mph here.				
The tornado crossed Hudson Avenue, snapping additional trees and producing minor damage to one home. Sporadic tree damage was also noted along CR 95 and CR 52 before the tornado lifted just east of CR 530.				
<b>LIMESTONE COUNTY --- 0.5 E GIPSY [34.88, -87.07], 1.1 N CROSS KEY [34.89, -87.02]</b>				
	02/20/14 21:05 CST		0	Tornado (EF1, L: 2.73 mi , W: 500 yd)
	02/20/14 21:07 CST		0	Source: NWS Storm Survey

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Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
A tornado touched down along Section Line road just east of highway 99 in the Cartwright community. Initially the tornado was relatively weak snapping small limbs on softwood trees along Harris Loop Road. Power poles were also snapped in this location. Estimated winds in this area were roughly 100 mph. A home along Section Line Road also received minor roof uplift and loss of shingles. As the tornado continued to move east-northeast, additional tree damage was noted along Easter Ferry road and Davis Lane. The tornado apparently lifted along the hilltops just west of Witty Mills Road.				

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### DEKALB COUNTY --- 0.5 SW ALLEN [34.49, -85.68], 0.4 E ALLEN [34.50, -85.66]

02/21/14 00:28 CST		0	Tornado (EF2, L: 0.83 mi , W: 50 yd)
02/21/14 00:31 CST	1	0	Source: NWS Storm Survey

A brief but strong tornado with wind speeds up to 125 mph touched down at the Jet Polymer Plant off of Gault Avenue about 4 miles north-northeast of the town of Fort Payne in central DeKalb County. The tornado flipped 3 large tractor trailers, one of which was vaulted into the air, landing on top of the plant's roof. Adjacent to the plant, across a parking lot, a medium sized metal building structure had much of its metal siding removed and roof uplifted. Also, the column anchorage was severely bent and failed. The tornado continued its track northeast, snapping and uprooting medium to large trees.

Beyond this point, the tornado appeared to skip along its track (little to no damage seen), before doing significant structural damage to several homes along Green Valley Circle. One person experienced minor injuries (lacerations) at one of the homes in this location. Two single-family well constructed residences sustained a complete loss of roof material and a collapse of at least two exterior walls (mainly around the garage areas). Numerous trees surrounding the properties were snapped or uprooted. In addition, one small and one medium sized shed were completely destroyed. This area appeared to be where the tornado was at its strongest (Peak Winds: 125 mph/EF-2 rating). Other nearby homes in the neighborhood along Green Valley Circle sustained mainly loss of roof shingles, siding panels, and broken windows.

Just up the hill from this location, a small apartment complex was hit. Partial uplift of the roof occurred at this location. Also nearby, a small apartment complex was hit, where partial uplift of the roof, loss of siding, and broken windows were seen at this two story apartment complex. Other smaller buildings had just minor roof damage, with small trees snapped off, and small branches broken off of trees. The tornado continued northeast along its short track and appeared to quickly weaken and eventually lift near the intersection of 55 th Street and Martin Avenue, but not before causing partial roof loss to a home. At this location, plastic fencing around a pool was knocked out and several trees were snapped about halfway down. Debris was also noticed littering the area, seemingly deposited by the tornado as it diminished.

**A quasi-linear convective system rolled across the region during the evening and overnight hours of the 20th into the 21st producing eight tornadoes in north Alabama and southern middle Tennessee and numerous reports of wind damage.**

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## TENNESSEE, South Central

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### MOORE COUNTY --- 0.5 SSW MARBLE HILL [35.19, -86.33], 1.0 SW BEECH HILL [35.21, -86.31]

02/20/14 21:53 CST		0	Tornado (EF1, L: 1.64 mi , W: 400 yd)
02/20/14 21:55 CST		0	Source: NWS Storm Survey

An EF-1 tornado with wind speeds up to 95 mph touched down in the Marble Hill community along Marble Hill Road during the late evening hours on February 20th. The tornado damaged several barn and farm structures along Marble Hill Road, tearing the side completely off one. A well-built home sustained very minor siding damage. Large hardwood trees were uprooted along Marble Hill Road and a few were snapped and twisted near the base. The tornado apparently lifted as it moved northeast across Highway 50 and into the higher terrain of Bean Hollow.

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### FRANKLIN COUNTY --- 2.0 NNE TAYLORTOWN [35.18, -86.20], 1.8 SSW OWL HOLLOW [35.18, -86.19]

02/20/14 22:08 CST		0	Tornado (EF1, L: 1.05 mi , W: 100 yd)
02/20/14 22:09 CST		0	Source: NWS Storm Survey

An EF-1 tornado with wind speeds up to 95 mph touched down in the Tim's Ford State Park area just west of Wiley Road. Several trees were snapped or uprooted in this area. In addition, a large outbuilding was destroyed and a home sustained roof damage. The tornado tracked generally east, pretty much paralleling Cole Lane. Numerous trees were uprooted and another farm building was damaged.

Along Owl Hollow Lane, a home sustained significant damage when a farm building was completely destroyed and a portion of the roof was blown through the side of the house. About 1/3 of the south facing wall of the home was destroyed and a large chunk of the farm building ended up inside one of the second story bedrooms. Fortunately, the occupants stated they received the warning of the storm coming and took shelter minutes before the storm arrived. The tornado then continued its eastward trek before lifting somewhere west of Haddon Lane.

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### FRANKLIN COUNTY --- 1.0 SSE GUM CREEK [35.29, -85.99], 0.5 ENE WILDER CHAPEL [35.30, -85.96]

02/20/14 22:23 CST		0	Tornado (EF1, L: 1.98 mi , W: 400 yd)
02/20/14 22:25 CST		0	Source: NWS Storm Survey

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Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
<p>An EF-1 tornado with wind speeds up to 100 mph tornado touched down in the Estill Springs and Wilder Chapel communities of far northeast Franklin County late on the evening of February 20th. The tornado first snapped trees along and west of Oak Grove Road, north of the intersection with Dabbs Road. The tornado lifted northeast and crossed Wilder Chapel Road. Here, a large swath of hardwood trees were snapped and twisted near the base. A large outbuilding was also destroyed and a home had minor roof damage. Further down Oak Grove Road, additional hardwood trees were uprooted. The tornado weakened as it lifted northeast toward the county line with only minor damage noted along Baker Cemetery Road.</p>				
<p>A quasi-linear convective system rolled across the region during the evening and overnight hours of the 20th into the 21st producing eight tornadoes in north Alabama and southern middle Tennessee and numerous reports of wind damage.</p>				

## Storm Data and Unusual Weather Phenomena - April 2014

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
<b>ALABAMA, North</b>				
<b>FRANKLIN COUNTY --- 1.1 W RUSSELLVILLE [34.52, -87.75], 2.5 NE RUSSELLVILLE [34.55, -87.70]</b>				
	04/28/14 14:56 CST	0		Tornado (EF1, L: 3.19 mi , W: 100 yd)
	04/28/14 15:02 CST	0		Source: NWS Storm Survey

A tornado first touched down along Whitten Road near the intersection of Willis Road on the northwest side of Russellville . Trees were uprooted in this area and small trees were snapped. The tornado tracked northeast approaching the school complex. Here a tree was snapped and fell onto a house along Clay Avenue causing significant structural damage . The school complex along Summit Avenue sustained damage to its athletic fields and one awning at the elementary school was damaged. Across the street several trees were snapped near the base and a home sustained minor roof damage.

The tornado then appeared to weaken briefly with only very light damage noted over the next 2 miles before touching back down near Alpine Street. Here numerous hardwoods were twisted, mangled, and snapped. Several trees fell on houses causing substantial structural damage. The tornado reached its maximum intensity of EF-1 with a width of approximately 100 yards. Interviews with several residents indicated that they observed a multiple funnel type of tornado track across the neighborhood. The tornado lifted northeast and weakened as it produced minor tree damage along Mountain View Drive before dissipating.

<b>LIMESTONE COUNTY --- 6.0 SW WHEELER LAKE NORTH [34.78, -87.23], 1.6 NE ATHENS [34.82, -86.96]</b>				
	04/28/14 15:47 CST	2	0	Tornado (EF3, L: 15.56 mi , W: 600 yd)
	04/28/14 16:14 CST	30	0	Source: NWS Storm Survey

A tornado rapidly intensified over Wheeler Lake resulting in extensive damage across southwest Limestone County .

Significant damage occurred at the Bay Hill Marina in Limestone County where a 2-story condominium was destroyed and a large metal building structure (used to store boats) sustained nearly complete failure of its exterior frame. Additional residences and condos had roof and exterior wall/siding damage and numerous large trees were snapped or uprooted. Several docks with metal protective coverings were destroyed. The tornado was near its peak intensity across this area, with winds between 120 and 140 mph.

The tornado continued east-northeast snapping numerous power poles near their bases along Snake Road. Along Log Cabin Road, just South of Highway 72, several homes sustained significant (if not complete) roof loss along with partial collapse of exterior walls. One single-family residence slid several feet off its concrete slab foundation. A trailer was also completely destroyed. The tornado maintained high-end EF-2/low-end EF-3 strength as it crushed Billy Barb's Trailer Park on Highway 72 in the Coxey community. 25 units were completely destroyed or uninhabitable. Two confirmed fatalities occurred at this location, with at least a dozen others injured. Debris was thrown across Highway 72 near Gordon/New Cut Road. The tornado crossed Highway 72 entering a mainly rural area of Limestone County. Numerous trees were snapped or uprooted on either side of Highway 72 between Blue Springs Road and Parker Road.

The last significant area of damage occurred at a neighborhood community near the intersection of Seven Mile Post and Guinn Road. At this 10-acre location, nearly every home (concrete masonry unit) sustained some damage with at least a half dozen destroyed. One unit was swept clean off its foundation but was not anchored/secured to its foundation. The tornado continued east-northeast producing mainly EF-0 and EF-1 damage, minor roof/siding damage and snapped or uprooted trees, before gradually lifting just north of Athens near the intersection of West Elm Street and North Jefferson Street.

It should be noted that sporadic damage (mainly trees snapped or uprooted) was seen extending at least 1/2 to 1 mile on either side of the center track of this tornado. This damage was not included in the path width.

Direct Fatalities: F60MH, M34MH

<b>MADISON COUNTY --- 0.3 SE NEW SHARON [34.95, -86.65], 1.5 NW FAIRVIEW [34.99, -86.50]</b>				
	04/28/14 16:50 CST	0		Tornado (EF1, L: 8.91 mi , W: 100 yd)
	04/28/14 17:05 CST	0		Source: NWS Storm Survey

A tornado touched down along Charity Lane between Stafford and Butter -and-Egg Roads. It tracked almost directly eastward along Charity Lane, snapping and uprooting hundreds of trees and causing minor roof damage to multiple houses. At Charity Baptist Church, the tornado uprooted a very large oak tree believed to be around 150 years old. It began tracking more to the northeast as it reached Frank Patterson Road, continuing to snap many more trees in the Hazel Trace and Hazelwood Drive area. It crossed Highway 231/431, collapsing a carport near Carriger road. The tornado continued to snap and uproot many more trees along Mulberry Road, Bevills Church Road, Greenville Pike, and Everett Jones Road. The tornado dissipated just east of Everett Jones Road, just south of Borderline Road and the Tennessee State Line .

<b>JACKSON COUNTY --- 3.0 NE FLAT ROCK [34.79, -85.66], 2.6 S HIGDON [34.81, -85.63]</b>				
	04/28/14 19:18 CST	0		Tornado (EF0, L: 1.73 mi , W: 50 yd)
	04/28/14 19:20 CST	0		Source: NWS Storm Survey

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Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
A tornado touched down along County Road (CR) 326 in extreme eastern Jackson County, just south of CR 324. This produced EF-0 damage by uprooting hardwood trees. It tracked northeast into extreme northern DeKalb County just south of Higdon, Alabama.				

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### DEKALB COUNTY --- 2.6 S HIGDON [34.81, -85.63], 2.7 ENE HIGDON [34.86, -85.58]

04/28/14 19:20 CST	0	Tornado (EF1, L: 4.34 mi , W: 100 yd)
04/28/14 19:28 CST	0	Source: NWS Storm Survey

The tornado continued from Jackson into DeKalb County south of Higdon. Most of the damage observed was to trees, with multiple trees uprooted or snapped along the tornado path. The most significant damage occurred along CR 155 near the intersection of CR 823. In this area, minor roof damage and underpinning damage was observed at several mobile homes. One single family house along CR 155 sustained more significant roof, carport, and siding damage. The tornado continued to move northeast, causing additional damage to homes, outbuildings, and one church.

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### JACKSON COUNTY --- 2.7 ENE HIGDON [34.86, -85.58], 2.7 ENE HIGDON [34.86, -85.58]

04/28/14 19:28 CST	0	Tornado (EF0, L: 0.06 mi , W: 50 yd)
04/28/14 19:29 CST	0	Source: NWS Storm Survey

The tornado tracked briefly again knocking large hardwood tree branches in Jackson County before lifting just short of the Georgia state line.

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### CULLMAN COUNTY --- 0.7 ESE WHITE CITY [34.10, -86.76], 0.7 WNW SIMCOE [34.22, -86.74]

04/28/14 20:39 CST	0	Tornado (EF3, L: 8.88 mi , W: 350 yd)
04/28/14 20:58 CST	0	Source: NWS Storm Survey

A tornado first touched down in the Welti community along CR 636. Numerous hardwood trees were snapped and uprooted in this area. The tornado continued to move north with significant damage to a one story home along CR 601. Major roof uplift was noted to this home and a building under construction at the same site was completely destroyed and blown several hundred yards. A large travel trailer was also rolled. Damage at this location was deemed EF-2 in intensity. Further north along the road a large outbuilding was completely destroyed.

The tornado intensified as it moved northward crossing the Broglen River. Here the tornado widens to near 350 yards. Many hardwood trees were snapped and uprooted along the path. A chicken farm sustained damage along CR 732. Near this location along CR 736 a well constructed two story brick home sustained severe damage when the upstairs was completely wiped away and blown several hundred yards into a ravine. Large debris missiles were seen embedded in the surrounding fields. Several trees in this area were also severely mangled and partially debarked. Damage in this area was rated low end EF-3.

The tornado continued to track northward ripping the roof completely off a home at the intersection of CR 736 and 703. The tornado intensity oscillated as it tracked northward toward the Berlin community. Numerous wooden power poles were snapped along CR 703. Numerous trees were snapped or uprooted as it crossed Highway 278 with some trees sheared near the base.

A TVA substation suffered significant damage with large electrical lines damaged and poles snapped and destroyed. The survey team was not able to fully observe this damage due to security restrictions but online photos indicate that this particular damage is consistent with at least high end EF-2 or possibly EF-3 damage. A chicken farm sustained severe structural damage with one house completely wiped to the ground with the metal trusses severely mangled. 25,000 chickens were killed in this one location. A mobile home along CR 747 was completely destroyed with debris thrown over 50 yards. Additional tree damage was noted in this area. The tornado weakened quite rapidly after this point lifting just north of Hwy 69.

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### DEKALB COUNTY --- 2.3 S LIBERTY [34.17, -86.05], 2.4 SSW DAWSON [34.27, -85.95]

04/28/14 23:37 CST	0	Tornado (EF2, L: 9.20 mi , W: 600 yd)
04/28/14 23:47 CST	0	Source: NWS Storm Survey

A strong tornado tracked from Etowah into DeKalb County producing damage of EF -2 intensity. Just south of where CR 4 and 450 meet, a manufactured home was completely destroyed. The undercarriage was so badly mangled and twisted up, it was nearly unrecognizable. Trees were also debarked at this location.

Where CR 4/450 and 455 meet, a single-story home was heavily damaged and shifted off its foundation. Nearly the entire roof was lifted. The tornado continued to produce damage as it tracked northeast, crossing CR 25. The tornado was at least 1/4 mile wide at this point with noticeable damage seen along CR 4 (east of the center track) and CR 455 (west of the track). The tornado then took a slight jog to the north and crossed CR 457 and 29 where several homes sustained significant loss of roof covering/shingles and trees were either snapped or uprooted. The tornado appeared to enter a weakening phase at this point. On the west side of the track, a small farm outbuilding collapsed and a large oak tree fell on top of a home along CR 29. Trees were either uprooted or snapped along CR 1920. The tornado crossed CR 4 again (just north of CR 1920) and approached the higher terrain/ridgetop area west of Dugout and Little Sand Valley. Trees were seen snapped or uprooted. A barn was destroyed along CR 4, just south of Coal Creek. The tornado had narrowed significantly by this point but was still producing winds between 80-90 mph.

Nearing the end of its life, the tornado crossed Highway 227 over the higher terrain, snapping and uprooting a narrow corridor of trees. Just north of highway 227, along CR 12 just north of Hayes Gap, additional trees were snapped. No additional/definitive damage was seen north of this location, so the tornado is believed to have lifted in the higher terrain just north of CR 12 and west of CR 221 in southern DeKalb County, about 4 miles southeast of Crossville.

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Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
<b>DEKALB COUNTY --- 0.5 N DAWSON [34.31, -85.93], 1.6 ENE FAIRVIEW [34.34, -85.90]</b>				
	04/28/14 23:54 CST		0	Tornado (EF2, L: 2.47 mi , W: 200 yd)
	04/29/14 00:00 CST		0	Source: NWS Storm Survey
A tornadic cyclic supercell produced another tornado in the community of Dawson along County Road (CR) 20. Numerous trees were snapped and/or uprooted in this area. The tornado tracked north-northeast snapping additional trees along CR 199, and damaging a mobile home. Another home received minor structural damage along CR 196. The tornado fell a wide swath of trees before it crossed Highway 57. Here it reached maximum intensity (EF-2) with winds of 115 mph, nearly destroying a small home. Several large farm buildings were significantly damaged near the intersection of CR 204 and 57. The tornado nearly paralleled the highway as it tracked further north. Another home sustained roof damage along CR 57 as well. The tornado began a weakening phase north of the intersection with CR 204, with mainly tree damage noted north of that location. The tornado finally lifted just north of the intersection of CR 57 and 109.				
<b>DEKALB COUNTY --- 1.6 SSW LEBANON [34.35, -85.84], 2.0 NNW FT PAYNE ISBELL ARPT [34.50, -85.74]</b>				
	04/29/14 00:06 CST		0	Tornado (EF2, L: 11.71 mi , W: 200 yd)
	04/29/14 00:27 CST		0	Source: NWS Storm Survey
A tornadic cyclic supercell produced yet another tornado along County Road (CR) 209 where mainly branches were snapped. The tornado lifted northeast snapping additional branches before strengthening as it approached CR 52. Here, severe hardwood trees were snapped or uprooted near a farmstead. Additional trees were snapped and/or uprooted along a wide swath all along CR 88. The tornado may have weakened or even lifted very briefly as it crossed the Highway 35 intersection near Dugout Valley Road/CR 97 west-norhtwest of Fort Payne. The tornado intensified once again as it tracked northeast, uprooting and snapping more trees. The tornado reached peak intensity with estimated winds of 115 mph and a path width of 200 yards near the intersection with Chisenhall Road. At this location, the tornado rolled and separated a mobile home from its frame, peeled roofing back from another mobile home, and snapped many trees in a forested area just northeast of the intersection. It continued to track along CR 97, but weakened significantly, causing mostly tree damage or very minor structural damage to single family homes (two homes sustained minor roof damage or broken windows just north of the Chisenhall/CR 97 intersection). The tornado narrowed significantly before lifting along CR 609 just north of the intersection with CR 27.				
<b>DEKALB COUNTY --- 0.3 NNE ARONA [34.22, -86.08], 1.1 SW KILPATRICK [34.26, -86.08]</b>				
	04/29/14 00:28 CST		0	Tornado (EF0, L: 2.42 mi , W: 75 yd)
	04/29/14 00:32 CST		0	Source: NWS Storm Survey
A small tornado touched down in the Aroney community in the southwest corner of DeKalb County. The tornado first touched down along County Road (CR) 479. Here, minor roof damage was noted to a single family home, and a farm building was also damaged. Minor damage was also noted to trees all along CR 479. Several small hardwood trees were snapped just north of CR 10, and other trees had the tops snapped off in this area. Another barn sustained minor roof damage further north along the road, and a home sustained very minor damage. The tornado eventually lifted just south of Highway 168 near the Kilpatrick Community.				
<b>DEKALB COUNTY --- 0.4 NNE RIVER PARK [34.50, -85.62], 2.1 NE KAOLIN [34.64, -85.56]</b>				
	04/29/14 00:36 CST		0	Tornado (EF1, L: 10.20 mi , W: 200 yd)
	04/29/14 00:51 CST		0	Source: NWS Storm Survey
A tornado touched down south of Mentone along the Desoto Parkway (CR 89) just south of the intersection with CR 165. Here, several large cedar trees were snapped. The tornado moved northeast, paralleling the western side of CR 165. Mainly tree damage was noted in this area, with minor structural damage to barns and outbuildings. Several stands of old growth hardwoods were damaged here.				
The tornado seemed to weaken briefly with only minor tree damage noted near downtown Mentone. Further up the slopes of Lookout Mountain, the tornado strengthened again to EF-1 intensity with speeds up to 105 mph, with sporadic swaths of hardwood trees snapped or uprooted, all along the eastern side of CR 89, before lifting just inside the state line.				
<b>DEKALB COUNTY --- 2.7 NE ADAMSBURG [34.43, -85.65], 2.9 SE FISHER XRDS [34.44, -85.63]</b>				
	04/29/14 01:23 CST		0	Tornado (EF1, L: 1.05 mi , W: 200 yd)
	04/29/14 01:25 CST		0	Source: Unknown
Damage was first noted just south of Bird Dog Trail at the southern end of a large farmstead. Numerous trees were snapped and uprooted and a large 40 by 50 feet barn was destroyed. This brief tornado appeared to be at its peak intensity near this location with estimated winds of 100 mph. It should be noted that the barn damage was cleaned up at the time of the survey, but the homeowner confirmed the barn had totally collapsed. Several trees were snapped adjacent to the west side of a house which had no major damage. The short lived tornado moved northeast with additional trees snapped or uprooted just across Bird Dog Trail (north side). Two by fours and tin from the barn was seen here on the ground and in the trees. The homeowner also noted that tin from the barn was seen here on the ground and in the trees. The homeowner also noted that tin from the barn roof was tossed to at least the end of the tree line, which is approximately 1/3 of a mile away. The tornado then crossed a rural/forested area to the intersection of Pumpkin Center Road and CR 153/Fletcher Road. Small to medium sized branches were brought down at the southwest corner of this intersection. No additional damage was seen downstream from this location but very limited road access existed.				

**A tornado outbreak occurred during the late afternoon and evening across the central Tennessee Valley on the 28th. Several cyclic**

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supercells produced tornadoes, some of which were strong. Very heavy rainfall occurred in some areas as well. In particular, up to 5 inches fell in just a few hours which led to severe flash flooding in Valley Head.				
An additional round of thunderstorms late in the day/evening of the 29th produced a few reports of damaging winds and hail.				

### TENNESSEE, South Central

#### LINCOLN COUNTY --- 1.0 W VANNTOWN [35.02, -86.49], 2.0 S SHADY GROVE [35.07, -86.33]

04/28/14 17:09 CST	0	Tornado (EF2, L: 9.53 mi , W: 250 yd)
04/28/14 17:24 CST	0	Source: NWS Storm Survey

The tornado touched down along North King Road, near the intersection with Lincoln Loop Road. It snapped and uprooted many trees along Lincoln Loop Road then crossed Vanntown School Road. The tornado then damaged a farm complex along Stewarts Chapel Road, where it tore the roof off an office building, destroyed two metal sheds, and vaulted a metal silo 150 yards. It continued tracking northeast, snapping and uprooting numerous trees, and causing minor roof damage to single family residences. One large tree fell onto a residence along Wells Lee Road. The tornado continued to snap and uproot numerous trees as it crossed Flintville School Road and Elora Road, with minimal structural damage noted. As it crossed Highway 64 east of Old Elora Road, the tornado pushed a mobile home off its foundation. At this stage, the tornado appeared to weaken, causing progressively weaker tree damage as it crossed Hotel/Terry Dunavan Road north of Highway 64. It is believed to have dissipated between Hotel/Terry Dunavan road and the Franklin County line.

#### LINCOLN COUNTY --- 1.9 WSW LINCOLN [35.01, -86.55], 1.7 E CHAMP [35.17, -86.37]

04/28/14 19:09 CST	2	0	Tornado (EF3, L: 20.91 mi , W: 500 yd)
04/28/14 19:27 CST		0	Source: NWS Storm Survey

A tornado touched down in extreme southern Lincoln County, just north of the state line, near the intersection of Jeans Road and Old Quick Road. The tornado produced mainly tree damage as it moved northeast across Lincoln Road, but tore off portions of the roofs of houses along Smith Mill Road. It continued moving northeast and intensified near the intersection of Old Lincoln Road and Tipton Lane where it produced its most significant damage. Three houses were almost completely destroyed, leaving only a few interior walls standing. This is also the area where two fatalities occurred, as their mobile home was flipped and destroyed, with its frame having been thrown approximately 125 yards across the street. At another nearby house along Smith Mill Road, even interior walls were collapsed and pushed (though left partially intact). The cars in the attached garage were pushed 10 to 15 feet. A nearby barn was completely destroyed and a nearby RV was rolled approximately 10 yards. The tornado tore off much of the roof from South Lincoln Elementary school, dragged a school bus approximately 75 yards, and caused it to impact the front wall of the school. Additional damage was incurred to homes just northeast of the school, where large sections of roofing were removed. Some of the most widespread damage occurred along Price Lane where multiple mobile homes were rolled as much as 50 yards and completely destroyed. Single family homes had exterior walls collapsed and roofs removed with electrical transmission towers completely toppled. The tornado continued to produce tree and roof damage as it moved northeast across Corders Crossroads and Crystal Springs Roads. Houses were pushed off their foundations near the intersection of Howell Mill Road and Crystal Springs Road, and nearby truss electrical transmission towers were crumpled.

The tornado appeared to weaken somewhat northeast of this location as it continued to snap multiple trees and produce minor roof damage. It broadened upon crossing Highway 64 and moved along Smithland Road where it snapped hundreds more trees and a few power poles. The tornado crossed the Elk river, toppled more trees, and produced minor roof damage in the Champ community.

Direct Fatalities: M60MH, F44MH

#### MOORE COUNTY --- 2.3 W HURDLOW [35.17, -86.37], 0.5 NW BAKERTOWN [35.25, -86.34]

04/28/14 19:27 CST	0	Tornado (EF1, L: 5.85 mi , W: 500 yd)
04/28/14 19:33 CST	0	Source: NWS Storm Survey

The tornado continued into southern Moore County, where it snapped and uprooted hundreds, possibly thousands more trees as it crossed the hills near Oak Grove Road, Rising Moon Road, Wet Prong/Ferris Creek Road and Short Creek Road. Structural damage was limited, aside from a few large sheds or barns being destroyed, minor damage to several single family houses, and more substantial roof, window, and porch damage to a house along Wet Prong Road near Alexander Lane. The damage in Moore County was deemed to be EF-1 intensity with peak winds of 110 mph. The tornado appeared to dissipate northeast of the intersection of Winchester Hwy and Coffee Creek Road in central Moore County.

**A tornado outbreak occurred during the late afternoon and evening across the central Tennessee Valley on the 28th. Several cyclic supercells produced tornadoes, some of which were strong. There were also reports of flash flooding, especially in urban areas of Lincoln and Franklin counties, where up to 5 inches fell within two hours.**

## Storm Data and Unusual Weather Phenomena - June 2014

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
<b>ALABAMA, North</b>				
<b>LIMESTONE COUNTY --- 1.0 NNW MURPHREE PLACE [34.71, -86.98], 1.0 NNE MURPHREE PLACE [34.71, -86.96]</b>				
	06/05/14 15:34 CST	0		Tornado (EF1, L: 0.74 mi , W: 100 yd)
	06/05/14 15:36 CST	0		Source: State Official

This survey was performed by a student at the University of Alabama in Huntsville . A very brief tornado touched down just west of Griffith Road near Tanner. Damage occurred to three residences. At one residence, a 18 by 20 foot shed was destroyed and a few shingles were peeled off the east-facing side of the roof. The two houses across the street sustained minor roof damage (at the time of the survey, one house had already been repaired). A few snapped limbs and branches were noted from trees behind these homes . The tornado crossed Stewart Road where another house sustained minor roof damage and a porch pillar was pushed over. The tornado briefly reached maximum intensity along Winfred Drive where three residences were affected. Two of the residences sustained minor roof damage in the form of shingles and the soffit and fascia being pulled off . The third residence featured significant removal of shingles as well as a destruction of a large well-constructed 30 by 45 foot shed. The tornado dissipated after crossing Winfred Drive, with no additional damage noted along U.S. Highway 31.

**A long-lived thunderstorm complex which originated in the central Plains during the early morning hours arrived in the Tennessee Valley during the mid to late afternoon hours. This system produced numerous wind damage reports and even a brief, isolated tornado.**

<b>COLBERT COUNTY --- 2.3 W OLD BETHEL [34.58, -87.56], 1.1 NNE OLD BETHEL [34.59, -87.51]</b>				
	06/09/14 19:30 CST	0		Tornado (EF1, L: 2.80 mi , W: 150 yd)
	06/09/14 19:32 CST	0		Source: NWS Storm Survey

A tornado touched down Monday evening near the intersection of Clement Road and LaGrange road in the LaGrange community in southeast Colbert County. Here, several hardwood trees were either snapped or uprooted. A large outbuilding was completely destroyed and another smaller one sustained significant damage. Several hardwood trees were sheared off very near the base along LaGrange Road . Damage here was consistent with winds of at least 100 mph.

The tornado moved east-northeast crossing Logan Lane and Waldrep Loop . Minor damage, mainly lost shingles, was noted to several homes with one home losing an awning. Numerous trees had large limbs snapped or twisted in this area.

The tornado then produced sporadic tree damage in the forested area between Waldrep Loop and Country Line Road (CR 48). As the tornado crossed CR 48, substantial tree damage was noted at a homestead. Large hardwood trees, some greater than 2 feet in diameter, were snapped or uprooted. A utility pole was also snapped near the ground. The damage was consistent with at least 105 mph here.

<b>LAWRENCE COUNTY --- 2.5 W WOLF SPGS [34.59, -87.51], 0.8 NNE WOLF SPGS [34.61, -87.46]</b>				
	06/09/14 19:32 CST	0		Tornado (EF0, L: 3.06 mi , W: 50 yd)
	06/09/14 19:35 CST	0		Source: NWS Storm Survey

A tornado tracked from Colbert County into western Lawrence County along Wolf Springs Road (CR 236). A few trees were uprooted along CR 236. Further east-northeast, branches were snapped sporadically along County Roads 584 and 235 before the tornado lifted on County Road 140 just west of Highway 157.

**A squall line rapidly moved east-northeast through northern Alabama during the evening and overnight hours. Wind damage was reported along the line, along with one tornado which tracked from Colbert into Lawrence Counties.**

<b>JACKSON COUNTY --- 1.9 SSE SCOTTSBORO [34.64, -86.02], 2.5 NW ROSALIE [34.73, -85.91]</b>				
	06/10/14 12:44 CST	0		Tornado (EF1, L: 8.40 mi , W: 300 yd)
	06/10/14 12:56 CST	0		Source: NWS Storm Survey

A tornado touched down in a neighborhood just north of the Jackson County Park , near Byron Road. Several trees and branches were snapped as it skipped through the neighborhood. It moved northeast to the K and K trailer Park just south of Highway 35, where it damaged a metal shed, downed multiple trees, and pushed two mobile homes (not anchored) off their foundations.

As the tornado tracked northeast of Highway 35, it intensified upon reaching Barbee Road. Here, it toppled more trees, completely destroyed a small barn, and snapped 4 or 5 wooden power poles. Tree damage became more consistent and widespread as the tornado continued northeast . The most significant damage occurred along County Road 33 just south of Ruby Johnson Drive. At this location, hundreds of softwood and hardwood trees were snapped, including many very large trees. Additional minor structural damage to roofing occurred to homes along Ruby Johnson Drive, and more trees along Belle Drive were snapped and uprooted.

The tornado continued to snap trees and wooden power poles as it tracked northeast, reaching the grounds of the Bellefonte TVA Facility . Here, it snapped trees in at least three separate places on the west side of the complex. The tornado appears to have lifted just beyond the Bellefonte Facility.



**Storm Data and Unusual Weather Phenomena - June 2014**

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
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Severe thunderstorms developed during the midday hours. One supercell developed ahead of a line of thunderstorms producing a brief tornado in Jackson County before merging with the line. The line also produced significant wind damage in northeast Alabama.

## Storm Data and Unusual Weather Phenomena - October 2014

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
<b>ALABAMA, North</b>				
<b>MADISON COUNTY --- 1.6 WNW REDSTONE AAF [34.69, -86.73], 1.3 NW REDSTONE AAF [34.69, -86.72]</b>				
	10/03/14 02:12 CST	0		Tornado (EF0, L: 0.70 mi , W: 250 yd)
	10/03/14 02:13 CST	0		Source: NWS Storm Survey

A brief and weak tornado skipped along a path just north of Madison Boulevard in Madison . The tornado appeared to touch down first in Madison Research Park where it tore metal roofing off a walkway and building , and snapped large branches off several trees , both in the research park and an adjacent cemetery. In the shopping center near the corner of Shelton Road and Madison Boulevard, a large heavy air conditioning unit was pushed off it's moorings and onto the parking lot below. Additional tree branches were snapped in the parking lot of a church on Shelton Road. The tornado lifted upon reaching Shelton Road.

<b>MARSHALL COUNTY --- 1.7 SW POPLAR SPGS [34.40, -86.15], 1.2 SW POPLAR SPGS [34.41, -86.14]</b>				
	10/03/14 03:02 CST	0		Tornado (EF0, L: 0.48 mi , W: 75 yd)
	10/03/14 03:04 CST	0		Source: NWS Storm Survey

A brief tornado touched down off Martling Road near Jolie Lane destroying one chicken house and severely damaging another . Much of the debris was thrown to the north-northwest suggesting the wind flow was circular and convergent in nature. Just northeast, several trees were snapped west of Martling Road. At the intersection of Martling Road and Burgess Road, six to eight pine trees were snapped near the base and a house sustained some roof and siding damage. Based on the structural damage to the chicken house and the snapped pines, the maximum winds were determined to be around 95 mph.

**A squall line moved east through the region during the pre-dawn hours. As the squall line entered northwest Alabama, it produced a swath of damaging winds in the community of Red Bay in Franklin County. As the line proceeded east and weakened, a new line formed in central and north central Alabama. This line produced a brief EF-0 tornado in the town of Madison in Madison County and an EF-1 tornado in the Asbury community of Marshall County.**

<b>COLBERT COUNTY --- 0.2 NW TUSCUMBIA [34.73, -87.70], 1.1 SSW WILSON DAM [34.77, -87.66]</b>				
	10/13/14 18:29 CST	0		Tornado (EF0, L: 3.48 mi , W: 200 yd)
	10/13/14 18:33 CST	1	0	Source: NWS Storm Survey

A tornado initially touched down in downtown Tuscumbia, near the intersection of 6th Street and Main Street, where two roofs were peeled off nearby businesses. The brick facade of a small retail building was torn off across 5th Street, and it's roof was partially torn off and roofing material vaulted into nearby power lines. The path continued northeast to High Street between 3rd and 4th Streets, where a very old pecan tree was uprooted and fell onto an historic home causing injury to the resident. In this residential area, multiple trees were snapped and uprooted or had large limbs broken off . Several power poles were snapped. Many more old trees were snapped an uprooted across the road along Commons Street between Mulberry and Hickory Streets.

At this point, the tornado appeared to weaken somewhat as it crossed a large corn field between Commons Street and King Avenue . It snapped branches upon reaching King Avenue and toppled Bradford pear trees on the grounds of Shoals Hospital along Billy Bowling Drive . As the tornado moved across Grand, Pasadena, and Ford Avenues and Ford Street in Muscle Shoals, it did significant damage to multiple trees throughout the neighborhood. Very minor damage was noted to a couple of houses, but nearly all damage was to trees or power poles.

The tornado intensified as it crossed Ford Street and moved into a commercial district along Woodward Avenue near 2nd Street. There was widespread structural damage to businesses and a church in this area. Numerous awnings were damaged or destroyed, roofs were partly torn off of strip malls, a few windows were broken, and several large signs along the road were blown down. Roofing was peeled off of a used car dealership and gas station and vaulted across the street into a wooded area and another nearby gas station. Power poles were snapped, and two metal power poles were bent, damaging the traffic lights at the intersection. The tornado continued across 2nd Street onto the Tennessee Valley Authority Reservation , where it snapped multiple trees along Garage Road. The tornado lifted before reaching Reservation Road, and little to no damage was noted thereafter. Minor straight-line wind damage was observed farther northeast, near Grandview Drive near the Tennessee River, but this was not associated with the tornado.

**A strong cold front swept across the region late on the 13th into the 14th across Ohio, Mississippi and Tennessee Valleys and interacted with a moist and unstable air mass. This led to two waves of severe thunderstorms for northern Alabama. During the early evening hours, one cluster of thunderstorms raced northward from central Alabama at speeds of 50 to 60 mph, and produced areas of damaging winds which knocked down trees and power lines. A couple of discrete supercells developed in northeast Mississippi ahead of a squall line and tracked across northwest Alabama. This was followed by the squall line which slowly migrated across the area producing one EF-1 tornado in Colbert County, sporadic wind damage, and heavy rainfall which led to a couple of isolated flash floods.**